FG2006 At a Glance Programme – full details pages 3-11

Monday 10th April	Tuesday 11th April	Wednesday 12th April
08.30-09.35 *T. Sims Foyer* Registration	**08.30-09.25** *T. Sims Foyer* Registration	**08.30-09.25** *T. Sims Foyer* Registration
09.35-09.45 *T. Sims Hall* Opening and Welcome	**09.25-10.45** *T. Sims Hall* Gesture and Gait	**09.25-10.45** *T. Sims Hall* Recognition Approaches
09.45-10.45 *T. Sims Hall* Recognition Technologies		
10.45-11.15 *T. Sims Hall* Poster Highlight 1	**10.45-11.15** *T. Sims Hall* Poster Highlight 2	**10.45-11.15** *T. Sims Hall* Poster Highlight 3
11.15-11.45 *T. Sims Foyer* Coffee and Poster 1	**11.15-11.45** *T. Sims Foyer* Coffee and Poster 2	**11.15-11.45** *T. Sims Foyer* Coffee and Poster 3
11.45-12.30 *T. Sims Hall* 3D Recognition/ Detection	**11.45-12.30** *T. Sims Hall* **Plenary – Vicki Bruce**	**11.45-12.30** *T. Sims Hall* **Plenary – Volker Blanz**
12.30-13.30 *Staff Club* Lunch	**12.30-13.30** *Staff Club* Lunch	**12.30-13.30** *Staff Club* Lunch
13.30-14.30 *T. Sims Hall* Recognition Considerations	**13.30-14.30** *T. Sims Hall* Face Detection	**13.30-14.30** *T. Sims Hall* 3D and Multiview
14.30-15.15 *T. Sims Hall* **Plenary - Narendra Ahuja**	**14.30-15.15** *T. Sims Hall* **Plenary – Stan Li**	**14.30-15.15** *T. Sims Hall* **Plenary - Seong-Whan Lee**
15.15-15.45 *T. Sims Foyer* Tea and Poster 1	**15.15-15.45** *T. Sims Foyer* Tea and Poster 2	**15.15-15.45** *T. Sims Foyer* Tea and Poster 3
15.45-17.05 *T. Sims Hall* Face Feature Analysis	**15.45-17.05** *T. Sims Hall* Expression and Movement	**15.45** Conference Closes
17.05-18.00 *T. Sims Foyer* Welcome Reception	**18.00-23.00+** *HMS Warrior* Conference Banquet (pg 14)	

Workshop on Psychology of Face and Gesture Recognition Tue 11th April, page 12	
08.30-09.25 *T. Sims Foyer* Registration	**13.30-14.30** *Lecture Theatre B* Session 2
09.25-11.15 *Lecture Theatre B* Session 1	**14.30-15.15** *Turner Sims Hall* **Plenary – Stan Li**
11.15-11.45 *Turner Sims Foyer* Coffee and FG2006 Poster 2	**15.15-15.45** *Turner Sims Foyer* Tea and FG2006 Poster 2
11.45-12.30 *Turner Sims Hall* **Plenary – Vicki Bruce**	**15.45-17.05** *Lecture Theatre B* Session 3
12.30-13.30 *Staff Club* Lunch	**18.00-23.00+** *HMS Warrior* FG2006 Conference Banquet (page 14)

FG2006 Local Site Map

Green Room
Posters/ Demonstrations/
Coffee and Tea

Bus Station

Lecture Theatre B
Psychology Workshop

Nuffield Car Park
Taxi Point

Nuffield
Theatre

Turner Sims
Concert Hall
Oral Sessions

Foyer
Registration/ Posters/ Exhibition/ Coffee and Tea

Staff Social Centre
Lunch

● Entrance/ Doorway

Conference Facilities
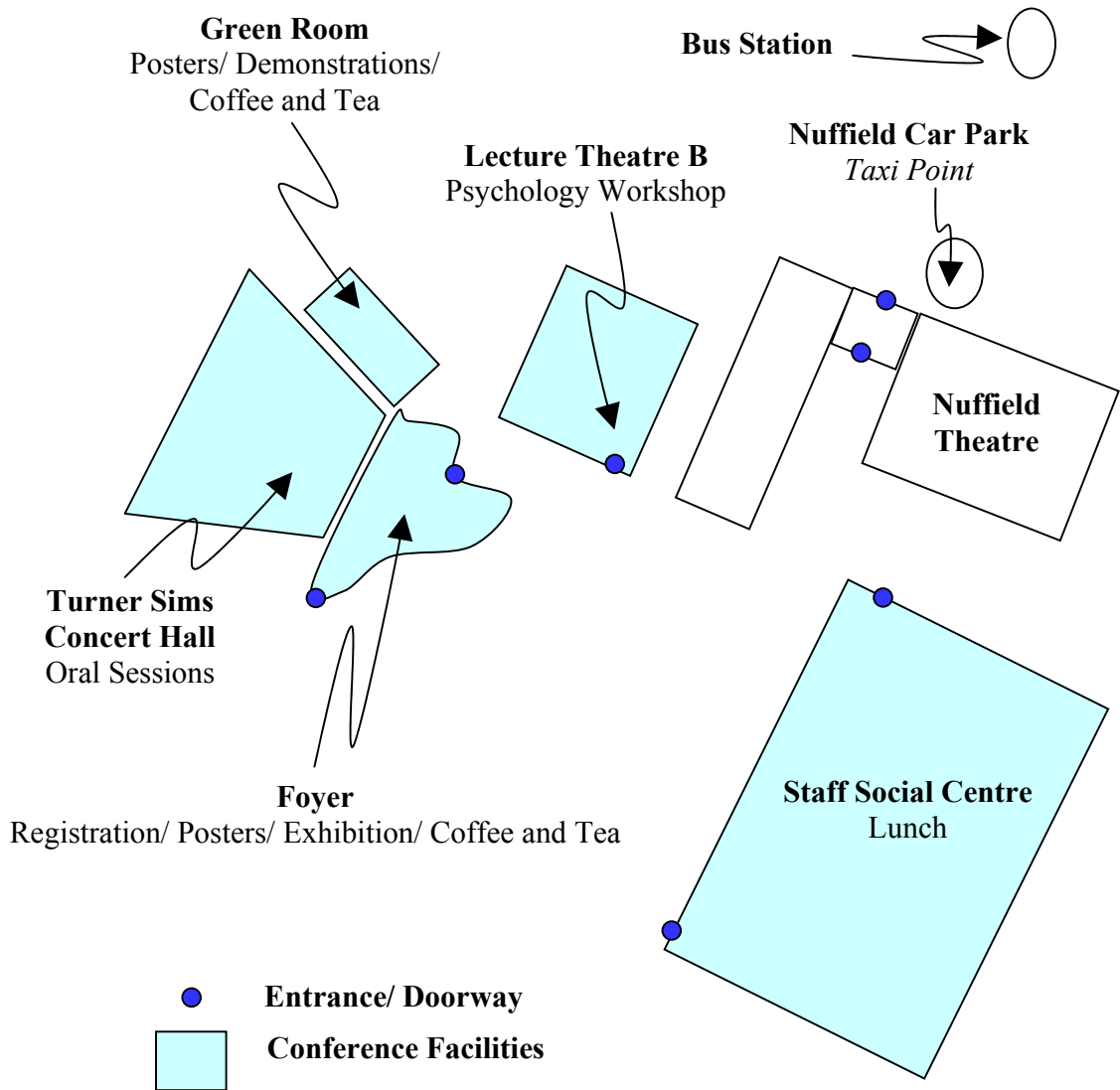
Final Conference Programme for Face and Gesture 2006

Monday 10th April

09.45-10.45 Recognition Technologies, *Turner Sims Hall*
Chair: Pong Yuen *(HongKong Baptist University)*
35 Graph Embedded Analysis for Head Pose Estimation, Yun Fu and Thomas S. Huang, *University of Illinois, USA*
65 Local Binary Patterns as an Image Preprocessing for Face Authentication, Guillaume Heusch, Yann Rodriguez, and Sébastien Marcel*, IDIAP Research Institute, Switzerland*
181 Preliminary Face Recognition Grand Challenge Results, Jonathon Phillips, Patrick J. Flynn and Todd Scruggs, *National Institute of Standards and Technology, University of Notre Dame, USA*

10.45-11.45 Poster Session 1 - Face Recognition Approaches (* = included in highlight session of short talks just prior to the display session)**,** *Turner Sims Hall followed by Turner Sims Foyer*
* 17 Face Recognition from Unconstrained Images: Progress with Prototypes, Rob Jenkins, A. Mike Burton, and David White, *University of Glasgow* and *MRC, UK*
* 23 Using Feature Combination and Statistical Resampling for Accurate Face Recognition based on Frequency Domain Representation of Facial Asymmetry, Sinjini Mitra and Marios Savvides, *Carnegie Mellon University, USA*
29 Face Recognition from a Tabula Rasa Perspective, M. Castrillón-Santana, O. Déniz-Suárez, J. Lorenzo-Navarro, and M. Hernández-Tejera, *Universidad de las Palmas de Gran Canaria, Spain*
* 50 Subspace-based Age-Group Classification using Facial Images under Various Lighting Conditions, Kazuya Ueki, Teruhide Hayashida and Tetsunori Kobayashi, *Waseda University, Japan*
53 Face Recognition using the Classified Appearance-based Quotient Image, Masashi Nishiyama and Osamu Yamaguchi, *Toshiba Corporation, Japan*
54 Relighting of Facial Images, Peter Csakany and Adrian Hilton, *University of Surrey, UK*
58 Database Size Effects on Performance on a Smart Card Face Verification System, Thirimachos Bourlai, Josef Kittler and Kieron Messer, *University of Surrey, UK*
* 82 Face Alignment with Unified Subspace Optimization of Active Statistical Models, Ming Zhao and Tat-Seng Chua, *National University of Singapore, Singapore*
* 83 A Landmark Paper in Face Recognition, G. M. Beumer, Q. Tao, A. M. Bazen, and R. N. J. Veldhuis, *University of Twente, The Netherlands*

96 Weighted Gabor Features in Unitary Space for Face Recognition, Yong Gao, Yangsheng Wang, Xinshan Zhu, Xuetao Feng and Xiaoxu Zhou, *Chinese Academy of Sciences* and *Peking University, China*

100 Video-based Face Recognition Evaluation in the CHIL Project – Run 1, Hazim Kemal Ekenel and Aristodemos Pnevmatikakis, *Athens Information Technology, Greece*

* 116 Hierarchical Ensemble of Gabor Fisher Classifier for Face Recognition, Yu Su, Shiguang Shan, Xilin Chen and Wen Gao, *Harbin Institute of Technology* and *Chinese Academy of Sciences, China*

* 132 Haar Features for FACS AU Recognition, Jacob Whitehill and Christian W. Omlin*, University of the Western Cape* and *University of the South Pacific, South Africa*

140 Robust Face Recognition by Multiscale Kernel Associative Memory Models based on Hierarchical Spatial-Domain Gabor Transforms, Bailing Zhang and Clement Leung, *Victoria University of Technology, Australia*

151 Making 2D Face Recognition More Robust using AAMs for Pose Compensation, Peter Huisman, Ruud van Munster, Raymond Veldhuis, and Asker Bazen, *TNO Industry and Science,* and *University of Twente The Netherlands*

154 Photometric Normalisation for Component-based Face Verification, James Short, Josef Kittler and Kieron Messer, *University of Surrey, UK*

157 Optimised Landmark Model Matching for Face Recognition, Rajinda S Senaratne and Saman Halgamuge, *University of Melbourne, Australia*

* 158 Color Face Recognition by Hypercomplex Gabor Analysis, Creed Jones and A. Lynn Abbott, *Seattle Pacific University* and *Virginia Polytechnic Institute and State University, USA*

172 Face Verification using External Features, Àgata Lapedriza, David Masip, and Jordi Vitrià, *Universitat Autònoma de Barcelona, Spain*

173 Making Recognisable Faces, David J. Chatting, *British Telecom, UK*

175 Facial Features Extraction in Color Images using Enhanced Active Shape Model, Mohammad H. Mahoor and Mohamed Abdel-Mottaleb,*University of Miami, USA*

178 Evaluating Error Functions for Robust Active Appearance Models, Barry-John Theobald, Iain Matthews and Simon Baker *University of East Anglia, UK* and *Carnegie Mellon University, USA*

185 AAM Derived Face Representations for Robust Facial Action Recognition, Simon Lucey, Iain Matthews, Changbo Hu, Zara Ambadar, Fernando de la Torre, and Jeffrey Cohn, *Carnegie Mellon University, USA*

11.15-11.45 *Turner Sims Foyer*
Coffee and Poster Session 1

11.45-12.30 3D Recognition and Detection, *Turner Sims Hall*
Chair: Terry Boult, *University of Colorado at Colorado Springs, USA*
97 Face Recognition by Projection-based 3D Normalization and Shading Subspace Orthogonalization, Tatsuo Kozakaya and Osamu Yamaguchi, *Toshiba Corporation, Japan*

149 Robust Method for Real-time, Continuous, 3D Detection of Obstructed Faces in Indoors Environments, Sébastien Grange and Charles Baur, *Ecole Polytechnique Federale de Lausanne (EPFL), Switzerland*

12.30-13.30 *Staff Club*
Lunch

13.30-14.30 Recognition Considerations, *Turner Sims Hall*
Chair: Ahmad El-Gammel *(Rutgers University, USA)*
46 Face Recognition with Image Sets using Hierarchically Extracted Exemplars from Appearance Manifolds, Wei Fan and Dit-Yan Yeung, *Hong Kong University of Science and Technology, China*
22 Adding Holistic Dimensions to a Facial Composite System, Charlie Frowd, Vicki Bruce, Alex McIntyre and Peter Hancock, *University of Stirling* and *University of Edinburgh, UK*
25 Rejection of Non-meaningful Activities, Liu Xiao-Hui and Chua Chin-Seng, *Nanyang Technological University, Singapore*

14.30-15.15 Plenary, *Turner Sims Hall*
200 Joint Spatial and Frequency Domain Motion Analysis, Narendra Ahuja, *University of Illinois, USA*

15.15-15.45 *Turner Sims Foyer*
Tea and Poster Session 1 (contd.)

15.45-17.05 Face Expression and Movement, *Turner Sims Hall*
Chair: Jeffrey Cohn *(University of Pittsburgh, USA)*
127 Registration of Expressions Data using a 3D Morphable Model, Curzio Basso, Pascal Paysan and Thomas Vetter, *University of Basel, Switzerland*
139 A 3D Facial Expression Database For Facial Behavior Research, Lijun Yin, Xiaozhou Wei, Yi Sun, Jun Wang, and Mathew J. Rosato, *State University of New York at Binghamton, USA*
159 Using a Tensor Framework for the Analysis of Facial Dynamics, Lisa N. Gralewski, Neill Campbell and Ian Penton-Voak, *University of Bristol, UK*
142 Fully Automatic Facial Action Recognition in Spontaneous Behavior, Marian Stewart Bartlett, Gwen Littlewort, Mark Frank, Claudia Lainscsek, Ian Fasel and Javier Movellan, *University of California, San Diego* and *Rutgers University, USA*

17.05-18.00 Welcome Reception, *Turner Sims Foyer*

Tuesday 11ᵗʰ April

09.25-10.45 Gesture and Gait, *Turner Sims Hall*
Chair: Thomas Huang (*University of Illinois at Urbana-Champaign, USA*)
121 Robust Spotting of Key Gestures from Whole Body Motion Sequence, Hee-Deok Yang, A-Yeon Park, and Seong-Whan Lee, *Korea University, Republic of Korea*
39 Automatic Skin Segmentation for Gesture Recognition Combining Region and Support Vector Machine Active Learning, Junwei Han, George M. Awad, Alistair Sutherland and Hai Wu, *Dublin City University, Ireland*
162 A Full-Body Gesture Database for Automatic Gesture Recognition, Bon-Woo Hwang, Sungmin Kim and Seong-Whan Lee*, Korea University, Republic of Korea*
74 A Layered Deformable Model for Gait Analysis, Haiping Lu, Konstantinos N. Plataniotis and Anastasios N. Venetsanopoulos *University of Toronto, Canada*

10.45-11.45 Poster Session 2 - Gesture and Face Recognition (* = included in highlight session of short talks just prior to the display session)**,** *Turner Sims Hall followed by Turner Sims Foyer*
Chair: Seong–Whan Lee *(Korea University, Republic of Korea)*
2 Optimal Hand Gesture Vocabulary Design using Psycho-Physiological and Technical Factors, Helman I Stern, Juan P Wachs and Yael Edan, *Ben-Gurion University of the Negev. Israel*
* 24 The Isometric Self-Organizing Map for 3D Hand Pose Estimation, Haiying Guan, Rogerio S. Feris and Matthew Turk, *University of California, Santa Barbara, USA*
26 Towards Recognizing Emotion with Affective Dimensions through Body Gestures, P. Rivindra De Silva, Minetada Osano, Ashu Marasinghe, and Ajith P. Madurapperuma, *University of Aizu* and *University of Moratuwa, Japan*
27 Framework for a Portable Gesture Interface, Sébastien Wagner, Bram Alefs, and Cristina Picus, *Advanced Computer Vision GmbH. – ACV, Austria*
42 One-Class Classification on Spontaneous Facial Expression Analysis, Zhihong Zeng, Yun Fu, Glenn I. Roisman, Zhen Wen, Yuxiao Hu and Thomas S. Huang, *University of Illinois* and *IBM T. J. Watson Research Center, USA*
* 59 Head and Facial Action Tracking: Comparison of Two Robust Approaches, Romain Herault, Franck Davoine, and Yves Grandvalet, *Université de Technologie de Compiègne, France* and *Universitat Autònoma de Barcelona, Spain*
60 Tracking using Dynamic Programming for Appearance-Based Sign Language Recognition, Philippe Dreuw, Thomas Deselaers, David Rybach, Daniel Keysers and Hermann Ney, *RWTH Aachen University of Technology, Germany*
69 Human and Machine Recognition of Fourier-Bessel Filtered Face Images, Yossi Zana, Roberto M Cesar and Jesús Pascual Mena-Chalco, *University of São Paulo, Brazil*
70 Learning to Identify Facial Expression During Detection using Markov Decision Process, Ramana Isukapalli, Ahmed Elgammal and Russell Greiner *Bell Labs Lucent Technologies, Rutgers University* and *University of Alberta, USA*

71 Fast Learning for Customizable Head Pose Recognition in Robotic Wheelchair Control, Christian Bauckhage, Thomas Kaester, Andrei Rotenstein and John K Tsotsos, *York University, Canada*

77 Bayesian Classification of Task-Oriented Actions based on Stochastic Context-Free Grammar, Masanobu Yamamoto, Humikazu Mitomi, Fuyuki Fujiwara and Taisuke Sato, *Niigata University, Japan*

80 Expanding Training Set for Chinese Sign Language Recognition, Chunli Wang, Xilin Chen and Wen Gao, *Chinese Academy of Sciences, China*

* 81 Articulated Hand Tracking by PCA-ICA Approach, Makoto Kato, Yen-Wei Chen and Gang Xu, *Ritsumeikan University, Japan*

* 86 Robust Head Tracking Based on a Multi-State Particle Filter, Yuan Li, Haizhou Ai, Chang Huang and Shihong Lao, *Tsinghua University, China*

112 MORPH: A Longitudinal Image Database of Normal Adult Age-Progression, Karl Ricanek and Tamirat Tesafaye, *University of North Carolina Wilmington, USA* and *Addis Ababa University, Ethiopa*

* 115 Facial Expression Classification using Gabor and Log-Gabor Filters, Nectarios Rose, *Victoria University, Australia*

* 124 Hand Posture Classification and Recognition using the Modified Census Transform, Agnès Just, Yann Rodriguez, and Sébastien Marcel, *IDIAP Research Institute, Switzerland*

128 Local versus Global Segmentation for Facial Expression Recognition, Jacob Whitehill and Christian W. Omlin, *University of the Western Cape* and *University of the South Pacific, South Africa*

* 130 Toward an Efficient and Accurate AAM Fitting on Appearance Varying Faces, Hugo Mercier, Julien Peyras, and Patrice Dalle, *Institut de Recherche en Informatique de Toulouse (IRIT), France*

156 Accurate Face Localisation for Faces under Active Near-IR Illumination, Xuan Zou, Josef Kittler and Kieron Messer, *University of Surrey, UK*

160 Gesture Spotting in Low-Quality Video with Feature Based on Curvature Scale Space, Myung-Cheol Roh, Bill Christmas, Joseph Kittler, and Seong-Whan Lee, *Korea University, Republic of Korea* and *University of Surrey, UK*

179 Sign Recognition using Depth Image Streams, Kikuo Fujimura and Xia Liu, *Honda Research Institute* and *Ohio State University,USA*

* 183 A Decision-Theoretic Video Conference System based on Gesture Recognition, Enrique Sucar and Jose Antonio Montero, *ITESM* and *Instituto Tecnologico de Acapulco, Mexico*

186 Cascaded Classification of Gender and Facial Expression using Active Appearance Models, Yunus Saatci, Christopher Town, *University of Cambridge UK*

11.15-11.45 *Turner Sims Foyer*
Coffee and Poster Session 2

11.45-12.30 Plenary, *Turner Sims Hall*
203 Helping the police with their enquiries - improving images of faces remembered from crimes, Vicki Bruce, *University of Edinburgh, UK*

12.30-13.30 *Staff Club*
  Lunch

13.30-14.30 Face Detection, *Turner Sims Hall*
Chair: Matthew Turk *(University of California, Santa Barbara, USA)*
45 Learning Sparse Features in Granular Space for Multi-View Face Detection, Chang Huang, Haizhou Ai, Yuan Li, and Shihong Lao, *Tsinghua University, China* and *Omron Corp., Japan*
76 Robust Multi-View Multi-Camera Face Detection inside Smart Rooms using Spatio-Temporal Dynamic Programming, Zhenqiu Zhang, Gerasimos Potamianos, Ming Liu, and Thomas Huang, *University of Illinois, USA*
84 Component-Based Robust Face Detection using AdaBoost and Decision Tree, Kiyoto Ichikawa, Takeshi Mita and Osamu Hori, *Tokyo Institute of Technology* and *Toshiba Corporation, Japan*

14.30-15.15 Plenary, *Turner Sims Hall*
204 Face Recognition: How to Make It Really Work?, Stan Z. Li, *Chinese Academy of Sciences, China*

15.15-15.45 *Turner Sims Foyer*
  Tea and Poster Session 2 (contd.)

15.45-17.05 Face Feature Analysis, *Turner Sims Hall*
Chair: Shigeru Akamatsu *(Hosei University, Japan)*
61 Facial Feature Detection and Tracking with Adaptive Templates, David Cristinacce and Tim Cootes, *University of Manchester, UK*
75 Multi-template ASM Method for Feature Points Detection of Facial Image with Diverse Expressions, Ying Li, J H Lai and Pong C Yuen, *Zhongshan University* and *Hong Kong Baptist University, Hong Kong*
136 Regression and Classification Approaches to Eye Localization in Face Images, Mark R Everingham and Andrew Zisserman, *University of Oxford, UK*
165 A Near-infrared Image Based Face Recognition System, Stan Z. Li, Lun Zhang, ShengCai Liao, XiangXin Zhu, RuFeng Chu, Meng Ao, and Ran He, *Chinese Academy of Sciences, China*

18.00-23.00+ Conference Dinner, *HMS Warrior*
  Details on page 14. Coaches leave at 6; dress warmer; bring ticket (boarding pass).

Wednesday 12th April

09.25-10.45 Recognition Approaches, *Turner Sims Hall*
Chair: Jonathon Phillips *(National Institute of Standards and Technology, USA)*
9 A New Look at Filtering Techniques for Illumination Invariance in Automatic Face Recognition, Ognjen Arandjelovic and Roberto Cipolla, *University of Cambridge, UK*
18 Incremental Kernel SVD for Face Recognition with Image Sets, Tat-Jun Chin, Konrad Schindler and David Suter, *Monash University, Australia*
7 Face Classification based on Shannon Wavelet Kernel and Modified Fisher Criterion, Wen-Sheng Chen, Pong Chi Yuen, Jian Huang, and Jianhuang Lai, *Hong Kong Baptist University, Hong Kong*

10.45-11.45 Poster Session 3 - Whole Body, Gait and Face Recognition (* = included in highlight session of short talks just prior to the display session)**,** *Turner Sims Hall followed by Turner Sims Foyer*
Chair: Nicu Sebe *(University of Amsterdam, Holland)*
10 Automatic Gait Recognition using Dynamic Variance Features, Y Yanmei Chai, Jinchang Ren, Rongchun Zhao, and Jingping Jia, *Northwestern Polytechnical University, China*
* 15 Dance Posture Recognition using Wide-baseline Orthogonal Stereo Cameras, Feng Guo and Gang Qian, *Arizona State University, USA*
* 20 Towards Automatic Body Language Annotation, Paul I Chippendale, *ITC-IRST, Italy*
* 30 A Multiview Face Identification Model with No Geometric Constraints, Jerry Jun Yokono and Tomaso Poggio, *Sony Intelligence Dynamics Laboratories Inc., Japan and MIT, USA*
33 Estimation of Anthropomeasures from a Single Calibrated Camera, Chiraz BenAbdelkader and Larry S. Davis, *American University of Beirut, Lebanon* and *University of Maryland, USA*
34 A Realtime Shrug Detector, Huazhong Ning, Tony X. Han, Yuxiao Hu, Zhenqiu Zhang, Yun Fu and Thomas S. Huang, *University of Illinois, USA*
48 A General Framework For Tracking People, Chunsheng Hua, Haiyuan Wu, Qian Chen and Toshikazu Wada, *Wakayama University, Japan*
67 Gait Recognition using Multiple Projections, Murat Ekinci, *Karadeniz Technical University, Turkey*
* 79 Human Action Recognition using Multi-view Image Sequences Features, Mohiuddin Ahmad and Seong-Whan Lee, *Korea University, Republic of Korea*
85 3D Gait Recognition using Multiple Cameras, Guoying Zhao, Guoyi Liu, Hua Li and Matti Pietikäinen,*University of Oulu, Finland* and *Chinese Academy of Sciences, China*
94 Automatic Impression Transformation of Faces in 3D Shape - A Perceptual Comparison with Processing on 2D Images, Yuhya Okada, Masataka Ohzu, Teruko Sakurai, Mitsuharu Inaba, and Shigeru Akamatsu, *Hosei University, Japan*
99 Comparison of Silhouette Shape Descriptors for Example-based Human Pose Recovery, Ronald Poppe and Mannes Poel, *University of Twente, The Netherlands*

104 Minimum Variance Estimation of 3D Face Shape from Multi-view, Zhenqiu Zhang, Yuxiao Hu, Tianli Yu, and Thomas Huang, *University of Illinois, USA*

* 106 Gait Tracking Recognition using Person-Dependent Dynamic Shape Model, Chan-Su Lee and Ahmed Elgammal, *Rutgers University, USA*

122 Robust Distance Measures for Face-Recognition supporting Revocable Biometric Tokens, Terrance Boult, *University of Colorado at Colorado Springs, USA*

131 Kernel Particle Filter for Real-Time 3D Body Tracking in Monocular Color Images, Joachim Schmidt, Jannik Fritsch, and Bogdan Kwolek, *University of Bielefeld, Germany*

* 135 Accurate Head Pose Tracking in Low Resolution Video, Jilin Tu, Thomas Huang, and Hai Tao, *University of Illinois, USA*

* 138 Gait Recognition by Two-Stage Principal Component Analysis, Sandhitsu Das, Robert C Wilson, Maciej T Lazarewicz and Leif H Finkel, *University of Pennsylvania, USA*

146 Automatic Feature Extraction for Multiview 3D Face Recognition, Xiaoguang Lu and Anil Jain, *Michigan State University, USA*

153 A Vision Based Interface for Local Collaborative Music Synthesis, João L. S. Carreira and Paulo Peixoto, *University of Coimbra, Portugal*

161 Morphable Face Reconstruction with Multiple Images, Ming Zhao, Tat-Seng Chua and Terence Sim, *National University of Singapore, Singapore*

* 170 Multi-Scale Primal Feature Based Facial Expression Modeling and Identification, Lijun Yin and Xiaozhou Wei, *State University of New York at Binghamton, USA*

176 Self Correcting Tracking for Articulated Objects, M. Baris Caglar and Niels da Vitoria Lobo, *University of Central Florida, USA*

11.15-11.45 *Turner Sims Foyer*
Coffee and Poster Session 3

11.45-12.30 Plenary, *Turner Sims Hall*
201 Face Recognition based on a 3D Morphable Model, Volker Blanz, *University of Siegen, Germany*

12.30-13.30 *Staff Club*
Lunch

13.30-14.30 3D and Multiview, *Turner Sims Hall*
Chair: Maja Pantic *(Delft University of Technology, Holland)*
152 Multi-View Face Recognition By Nonlinear Dimensionality Reduction And Generalized Linear Models, Bisser Raytchev, Ikushi Yoda and Katsuhiko Sakaue, *National Institute of Advanced Industrial Science and Technology (AIST), Japan*

118 Local Linear Regression (LLR) for Pose Invariant Face Recognition, Xiujuan Chai, Shiguang Shan, Xilin Chen and Wen Gao, *Harbin Institute of Technology* and *Chinese Academy of Sciences, China*

166 Combining PCA and LFA for Surface Reconstruction from a Sparse Set of Control Points, Reinhard Knothe, Sami Romdhani and Thomas Vetter, *University of Basel, Switzerland*

14.30-15.15 Plenary, *Turner Sims Hall*

202 Automatic Gesture Recognition Research for Human-Robot Interaction, Seong-Whan Lee, *Korea University, Republic of Korea*

15.15-15.45 *Turner Sims Foyer*
Tea and Poster Session 3 (contd.)

15.45 Conference Closes

Workshop Programme

Tuesday 11th April

9.25-10.45 Workshop Session 1, *Lecture Theatre B*

Aina Puce, *West Virginia University*, Neural and hemodynamic responses to facial gestures generated by real and synthetic faces

Ruth Campbell, *University College London*, Cortical dissociations and associations for the perception of mouth and hand actions in and out of sign language

Alan Johnston *UCL*, Recognition of facial movement across changes in pose

Andy Calder, *MRC Cognition and Brain Sciences Unit*, Adaptation of Eye Gaze Perception

10.45-11.45 FG2006 Poster Session 2 - Gesture and Face Recognition, *Turner Sims Foyer*

11.45-12.30 Plenary, *Turner Sims Hall*

Helping the police with their enquiries - improving images of faces remembered from crimes, Vicki Bruce, *University of Edinburgh, UK*

13.30-14.30 Workshop Session 2, *Lecture Theatre B*

Tamar Flash, *Weizmann Institute of Science*, Motor primitives and laws of motion in action perception and production

Yiannis Demiris, *Imperial College London*, Motor theories of perception: computational models, robotic implementations and open challenges

Thomas Shipley, *Temple University*, When action meets word: Event parsing, representation, and verb learning

14.30-15.15 Plenary, *Turner Sims Hall*

Challenges and Solutions for Accurate Face Recognition, Stan Z. Li, *Chinese Academy of Sciences, China*

15.15-15.45 FG2006 Poster Session 2 (contd.), *Turner Sims Foyer*

15.45-17.05 Workshop Session 3, *Lecture Theatre B*

Edmund Rolls, *Oxford University*, Neurophysiology of face perception and gesture, and a new computational mechanism for the invariant recognition of gesture

Rufin Vogels, *KU Leuven Medical School*, Neural mechanisms of action recognition in macaque temporal cortex

Michael Beauchamp, *University of Texas Medical School at Houston*, See me, Hear me, Touch Me: Multisensory Aspects of Face and Gesture Perception

Antonio Camurri, *University of Genova*, Computational models and techniques for multimodal analysis of expressive gesture

18.00-23.00+ FG2006 Conference Dinner, *HMS Warrior*

Details on page 14. Coaches leave at 6; dress warmer; bring ticket (boarding pass).

Conference Banquet Tuesday 11th April
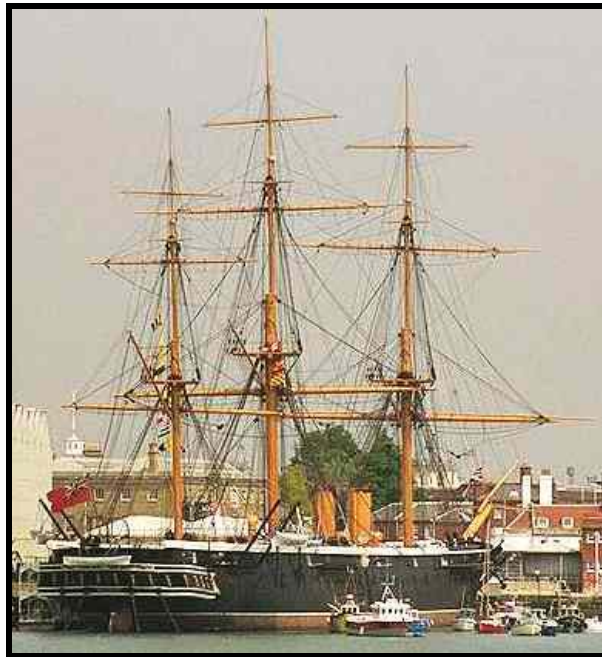
The conference banquet is on Tuesday evening 11th April on board HMS Warrior which is moored in Portsmouth's historic dockyard, not far from Southampton.

Coaches will collect delegates attending the dinner from the Hilton Hotel, The Highfield Hall of Residence or the University Campus (Nuffield car park, see Local Site Map, page 2) leaving the Nuffield at 6pm, then Highfield Hall and finally the Hilton.

Arrival back at these locations after the banquet will be about 11.30pm. You are advised to wear warmish clothing as the ship can be slightly cooler than conventional buildings and you will have an opportunity to explore the open top deck as well as the rest of the ship. Please remember to bring your banquet ticket. It is essential to be pre-booked and tickets cannot be transferred as security is tight when entering the Royal Navy dockyard and we have to supply names of visitors in advance.

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Abbott, A L	M	P	158	Cesar, R M	T	P	69
Ahmad, M	W	P	79	Chai, X	W	O	118
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FG2006 Locality

To Hilton Hotel

University of Southampton Highfield Campus
(selected buildings only)

The Avenue

Burgess Rd.

Bus station;
Nuffield car
park

**Turner Sims Hall
FG2006 Conference
Venue and Registration**

University Rd.

*Footpath to
University*

Lunch Venue

Southampton Common

The Crown

The Highfield

Highfield Hall

Highfield Lane

Key
Conference facilities
Shops   Pubs
Banks and Post Office